6/19/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
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FOR THE MONTH AND PERIOD ENDED

APRIL 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: June 11, 1987

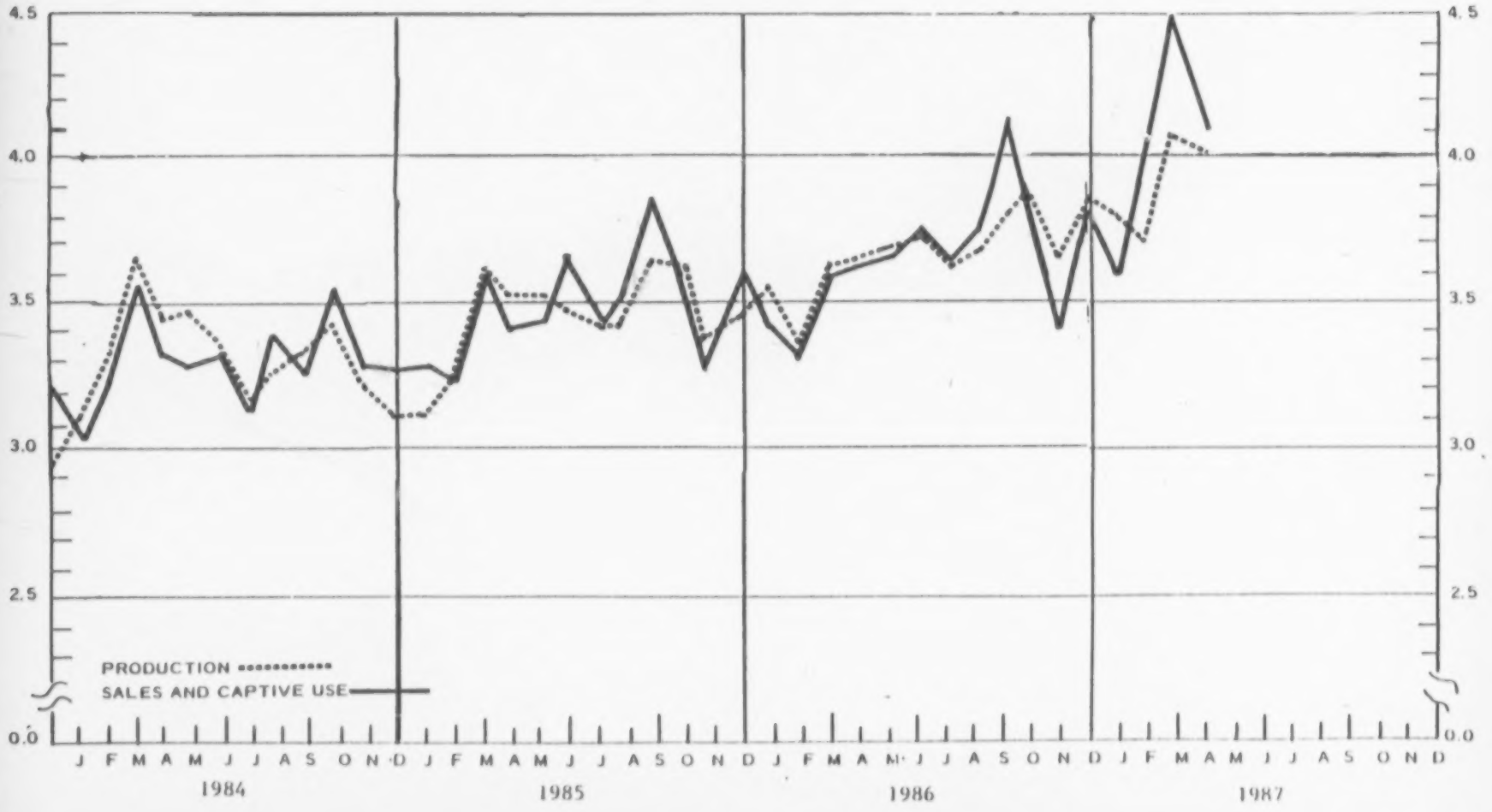
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

APRIL 1987



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

APRIL, 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	32,917	33,089	-0.5	133,870R	128,052	+4.5	35,973	29,959	+20.1	135,144R	121,396	+11.3
POLYESTER (UNSATURATED) RESINS, TOTAL	118,320	113,657	+4.1	444,654	423,609	+5.0	109,864	115,023	-4.5	439,531	422,871	+3.9
UREA RESINS, TOTAL	117,650	108,609	+8.3	446,862	407,427	+9.7	117,445	109,065	+7.7	454,522	409,904	+10.9
MELAMINE RESINS, TOTAL	16,425	16,757	-2.0	67,266	63,642	+5.7	17,944	18,307	-2.0	69,829	61,340	+13.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	258,604	244,791	+5.6	939,446	915,960	+2.6	254,505	242,926	+4.8	931,725	902,177	+3.3
THERMOSETTING RESINS, TOTAL	543,916	516,903	+5.2	2,032,098R	1,938,690	+4.8	535,731	515,280	+4.0	2,030,751R	1,917,988	+5.9
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	794,099	687,537	+15.5	3,239,407	2,748,360	+17.9	813,150	695,620	+16.9	3,188,178	2,948,403	+8.1
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	693,653	568,710	+22.0	2,654,053	2,149,939	+23.4	598,271	601,851	-0.6	2,475,302	2,297,645	+8.0
POLYPROPYLENE, TOTAL	523,124	500,577	+4.5	2,117,541	1,824,541	+16.1	522,770	481,668	+8.5	2,081,889	1,883,652	+10.5
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	107,789	93,832	+14.9	402,407	356,929	+12.7	99,584	103,436	-3.7	382,647	371,254	+3.1
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,005	5,820	+37.5	38,151	26,851	+42.1	9,712	6,636	+46.4	43,825	29,750	+47.3
POLYSTYRENE RESINS, TOTAL	415,202	387,004	+7.3	1,660,706	1,423,898	+16.6	402,049	381,262	+5.5	1,575,587	1,373,236	+14.7
STYRENE BASED LATEXES, TOTAL **	86,049	71,122	+21.0	322,785	278,008	+16.1	77,208	69,001	+11.9	294,433	262,311	+12.2
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	26,550	24,833	+6.9	89,978	93,234	-3.5	22,984	16,875	+36.2	83,071	82,599	+0.6
NYLON RESINS, TOTAL	43,471	37,965	+14.5	166,481	151,465	+9.9	43,520	44,748	-2.7	170,589	160,257	+6.4
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	661,174	567,900	+16.4	2,567,359	2,376,410	+8.0	652,861	605,066	+7.9	2,530,589	2,366,306	+6.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,721	62,127	-2.3	236,867R	235,150	+0.7	60,721	62,127	-2.3	236,867R	235,150	+0.7
POLYVINYL ALCOHOL, TOTAL #	D (4)	D (4)		D (4)	D (4)		D (4)	D (4)		D (4)	D (4)	
OTHER VINYL RESINS, TOTAL	17,910	19,490	-8.1	67,206	64,410	+4.3	19,142	21,125	-9.4	72,647	70,000	+3.8
THERMOPLASTIC POLYESTER, TOTAL	103,079	98,353	+4.8	411,206	353,810	+16.2	111,290	94,126	+18.2	430,042R	361,302	+19.0
THERMOPLASTIC RESINS, TOTAL	3,540,826	3,125,270	+13.3	12,974,147R	12,083,005	+15.7	3,433,762	3,183,541	+7.8	13,565,660R	12,636,861	+9.1
GRAND TOTAL	4,084,742	3,642,173	+12.2	16,006,245R	14,021,695	+14.2	3,968,993	3,698,821	+7.3	15,596,417R	14,354,549	+8.7

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

\# = Includes imputed data

(4) = The publishing of PVOH data is temporarily suspended.

** = Sales and Captive Use figures include some Canadian produced material.

R = Revision

D = Disclosure

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

APRIL, 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	32,917	33,089	-0.5	133,870R	128,052	+4.5	35,973	29,959	+20.1	135,144R	121,396	+11.3
Total Exports	3,215	5,017	-35.9	22,184R	18,643	+19.0						
Captive Use, Total	1,040	1,259	-17.4	4,151	4,538	-8.5						
Domestic Sales, Total	28,662	26,813	+6.9	107,535R	104,871	+2.5						
Domestic Sales & Captive Use, Total	29,702	28,072	+5.8	111,686R	109,409	+2.1						
Bonding & Adhesives	1,806	1,436	+25.8	6,955R	6,677	+4.2						
Flooring, Paving & Exposed Aggregate	1,765	1,718	+2.7	6,401R	6,114	+4.7						
Protective Coatings	14,841	13,420	+10.6	56,019R	54,070	+3.6						
Fiber Reinforced Laminates & Composites, Total	6,277	6,439	-2.5	24,510R	25,635	-4.4						
FRL&C for Printed Wiring Board	4,458	4,688	-4.9	17,805R	16,944	+5.1						
All Other FRL&C	1,819	1,751	+3.9	6,705R	8,691	-22.9						
Tooling, Casting & Molding Resins	2,304	2,241	+2.8	7,776R	7,993	-2.7						
All Other Uses	2,709	2,818	-3.9	10,025	8,920	+12.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	118,320	113,657	+4.1	444,654	423,609	+5.0	109,864	115,023	-4.5	439,531	422,871	+3.9
Total Exports	867	559	+55.1	2,519	3,409	-26.1						
Total Domestic	117,453	113,098	+3.9	442,135	420,200	+5.2						
General Purpose Resins, Total	103,205	96,109	+7.4	386,046	363,654	+6.2						
General Purpose - Thixotropic	46,458	42,958	+8.1	175,495	160,787	+9.1						
General Purpose - Press Molding	12,119	11,142	+8.8	46,930	53,258	-11.9						
General Purpose - All Other	44,628	42,009	+6.2	163,621	149,609	+9.4						
Flame Retardant Resins	2,094	2,182	-4.0	8,596	8,569	+0.3						
Chemical Resistant Resins	12,154	14,807	-17.9	47,493	47,977	-1.0						
Chemical Resistant Isophthalic Resins	9,566	12,156	-21.3	37,429	38,753	-3.4						
All Other Chemical Resistant Resins	2,588	2,651	-2.4	10,064	9,224	+9.1						
Reinforced Plastics, Total	90,425	84,516	+7.0	336,900	322,901	+4.3						
Non-Reinforced Plastics, Total	27,028	28,582	-5.4	105,235	97,299	+8.2						

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R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

CRS

THERMOSETTING RESINS

APRIL, 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
UREA RESINS, TOTAL	117,650	108,609	+8.3	446,862	407,427	+9.7	117,445	109,065	+7.7	454,522	409,904	+10.9
MELAMINE RESINS, TOTAL	16,425	16,757	-2.0	67,266	63,642	+5.7	17,944	18,307	-2.0	69,829	61,340	+13.8
UREA & MELAMINE RESINS, TOTAL	134,075	125,366	+6.9	514,128	471,069	+9.1	135,389	127,372	+6.3	524,351	471,244	+11.3
Total Exports	D	D		D	D							
Total Domestic*	134,075	125,366	+6.9	514,128	471,069	+9.1						
Textile Treating & Coating Resins	2,133	1,426	+49.6	8,542	6,295	+35.7	2,689	2,032	+32.3	9,706	8,995	+7.9
Paper Treating & Coating Resins	7,317	8,549	-12.1	30,834	33,062	-6.7	7,665	8,452	-9.3	31,353	33,063	-5.2
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	104,991	96,846	+8.4	400,469	362,750	+10.4	104,638	96,584	+8.3	399,833	360,912	+10.8
Laminating	4,444	3,768	+17.9	16,712	14,331	+16.6	4,288	3,621	+18.4	15,807	13,748	+15.0
Plywood	5,583	5,067	+10.2	21,734	19,268	+12.8	5,577	5,158	+8.1	21,874	19,408	+12.7
Fibrous & Granulated Wood (Particle Board)	94,964	88,011	+7.9	362,023	329,151	+10.0	94,773	87,805	+7.9	362,152	327,756	+10.5
Protective Coatings (Straight & Modified)	8,763	8,678	+1.0	37,479	35,680	+5.0	10,998	12,149	-9.5	51,294	37,869	+35.5
All Other Uses (Includes Molding Compounds, and Exports)	10,671	9,867	+8.1	36,804	33,282	+10.6	9,399	8,155	+15.3	24,698	30,405	-18.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	258,604	244,791	+5.6	939,446	915,960	+2.6	254,505	242,926	+4.8	931,725	902,177	+3.3
Total Exports	1,873	894	+109.5	6,425	4,770	+34.7						
Total Domestic	256,731	243,897	+5.3	933,021	911,190	+2.4						
Molding Compounds	18,568	17,372	+6.9	67,912	70,581	-3.8	19,776	19,166	+3.2	72,829	74,309	-2.0
Bonding & Adhesive Resins for:	230,442	222,914	+3.4	837,328	827,059	+1.2	226,828	220,212	+3.0	830,362	813,890	+2.0
Laminating	16,988	15,744	+7.9	66,531	63,343	+5.0	13,282	12,602	+5.4	59,333	51,739	+14.7
Coated & Bonded Abrasives	1,443	1,785	-19.2	6,258	6,300	-0.7	1,452	1,774	-18.2	6,292	6,320	-0.4
Friction Materials	2,813	2,820	-0.2	10,888	9,991	+9.0	2,412	2,940	-18.0	10,130	9,741	+4.0
Insulation Materials	36,964	33,607	+10.0	130,154	133,554	-2.5	36,980	33,865	+9.2	130,575	130,485	+0.0
Foundry & Shell Molding	4,514	3,971	+13.7	15,945	15,142	+5.3	4,475	3,949	+13.3	15,739	15,055	+4.5
Plywood	140,434	132,523	+6.0	509,670	477,709	+6.7	140,697	132,201	+6.4	510,548	478,050	+6.8
Fibrous & Granulated Wood	23,003	23,671	-2.8	80,978	87,434	-7.4	22,802	23,613	-3.4	80,553	87,497	-7.9
Resins Sold to Rubber Industry	1,457	2,522	-42.2	5,568	9,979	-44.2	1,871	2,976	-37.1	5,939	11,141	-46.7
All Other	2,826	6,271	-54.9	11,336	23,607	-52.0	2,857	6,292	-54.6	11,253	23,862	-52.8
Protective Coatings – Unmodified & Modified	1,909	1,892	+0.9	8,358	7,315	+14.3	1,981	1,905	+4.0	8,409	7,226	+16.4
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	5,812	1,719	+238.1	19,423	6,235	+211.5	5,920	1,643	+260.3	20,125	6,752	+198.1

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

D = Disclosure

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

April 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	April			YEAR-TO-DATE			April			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	794,099	687,537	+15.5	3,239,407	2,748,360	+17.9	813,150	695,620	+16.9	3,188,178	2,948,403	+8.1
Total Exports	84,947	76,477	+11.1	344,304	300,572	+14.5						
Total Domestic	709,152	611,060	+16.1	2,895,103	2,447,788	+18.3						
Film (12 Mils & Below)	436,206	348,810	+25.1	1,754,151	1,432,337	+22.5						
Sheet (Over 12 Mils)	D	D		D	D							
Injection Molding	55,982	42,900	+30.5	230,609	192,721	+19.7						
Wire & Cable	35,222	29,514	+19.3	122,403	112,608	+8.7						
Extrusion Coating	70,256	57,645	+21.9	276,799	227,928	+21.4						
Blow Molding	3,974	3,975	-0.0	15,678	13,941	+12.5						
Pipe & Conduit, Total	1,139	2,929	-61.1	8,943	10,854	-17.6						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,104	9,960	+1.4	43,352	38,917	+11.4						
Resellers & Compounders	39,630	61,360	+35.4	204,401	185,926	+9.9						
All Other Uses	56,639	53,967	+5.0	238,767	232,556	+2.7						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	693,653	568,710	+22.0	2,654,053	2,149,939	+23.4	598,271	601,851	-0.6	2,475,302	2,292,645	+8.0
Total Exports	75,879	63,799	+18.9	311,620	280,946	+10.9						
Total Domestic	617,774	504,911	+22.4	2,342,433	1,868,993	+25.3						
Film (12 Mils & Below)	50,933	34,955	+45.7	189,124	149,126	+26.8						
Sheet (Over 12 Mils)	17,637	13,863	+27.2	76,108	51,540	+47.7						
Injection Molding	138,634	130,561	+6.2	589,464	455,876	+29.3						
Wire & Cable	11,464	11,179	+2.5	42,917	40,860	+5.0						
Extrusion Coating	D	D		D	D							
Blow Molding	248,875	196,165	+26.9	915,690	752,927	+21.6						
Pipe & Conduit, Total	56,908	36,835	+54.5	186,952	131,077	+42.6						
Corrugated Pipe & Conduit	16,509	17,964	-8.1	53,172	45,467	+16.9						
Non-Corrugated Pipe & Conduit	40,399	18,871	+114.1	133,780	85,610	+56.3						
Other Extruded Products	4,633	3,743	+23.8	18,217	15,443	+18.0						
Resellers & Compounders	59,290	49,185	+20.5	189,612	164,844	+15.0						
All Other Uses	29,400	28,425	+3.4	134,349	107,300	+25.2						

(2) = Included in Other Extruded Products
(3) = Included in Film

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D = Disclosure

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

April 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	April			YEAR-TO-DATE			April			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	523,124	500,577	+4.5	2,117,541	1,824,541	+16.1	522,770	481,668	+8.5	2,081,889	1,883,652	+10.5
Total Exports	99,470	97,368	+2.2	412,752	330,625	+24.9						
Total Domestic	423,654	403,209	+5.1	1,704,789	1,494,116	+14.1						
Injection Molding	133,439	115,651	+15.4	512,838	440,587	+16.4						
Appliances	13,181	12,138	+8.6	50,766	43,505	+16.7						
Consumer Products	38,792	30,347	+27.8	128,739	111,387	+15.6						
Rigid Packaging	41,005	40,682	+0.8	158,983	151,702	+4.8						
Transportation	25,138	24,384	+3.1	106,333	101,276	+5.0						
All Other Injection Molding	15,323	8,100	+89.2	68,017	32,717	+107.9						
Blow Molding	8,702	10,112	-13.9	38,395	35,231	+9.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	43,107	47,263	-8.8	171,002	167,490	+2.1						
Sheet (Over 10 Mils)	6,233	2,283	+173.0	26,106	10,677	+144.5						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	134,579*	122,409	+9.9	551,794	459,139	+20.2						
Textile Applications	129,706	111,748	+16.1	520,352	422,336	+23.2						
Non-Textile Monofilaments	4,873	10,661	-54.3	31,442	36,803	-14.6						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	6,293	8,696	-27.6	37,803	27,923	+35.4						
Resellers & Compounders	87,275	81,324	+7.3	349,462	306,664	+14.0						
All Other Uses	4,026	15,471	-74.0	17,389	46,405	-62.5						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

D = Disclosure

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

April 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	April			YEAR-TO-DATE			April			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	107,789	93,832	+14.9	402,407	356,929	+12.7	99,584	103,436	-3.7	382,647	371,254	+3.1
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,005	5,820	+37.5	38,151	26,851	+42.1	9,712	6,636	+46.4	43,825	29,750	+47.3
Total Exports	1,344	534	+151.7	7,523	2,832	+165.6						
Total Domestic	6,661	5,286	+26.0	30,628	24,019	+27.5						
POLYSTYRENE RESINS, TOTAL	415,202	387,004	+7.3	1,660,706	1,423,898	+16.6	402,049	381,262	+5.5	1,575,587	1,373,234	+14.7
Straight Polystyrene	219,386	197,998	+10.8	880,617	734,723	+19.9	210,135	196,854	+6.7	835,840	726,771	+15.0
Rubber-Modified Polystyrene	195,816	189,006	+3.6	780,089	689,175	+13.2	191,914	184,408	+4.1	739,747	646,463	+14.4
Total Exports	9,013	8,664	+4.0	40,344	36,677	+10.0						
Straight Polystyrene	7,335	5,983	+22.6	28,061	19,777	+41.9						
Rubber-Modified Polystyrene	1,678	2,681	-37.4	12,283	16,900	-27.3						
Total Domestic	406,189	378,340	+7.4	1,620,362	1,387,221	+16.8						
Molding	160,374	137,475	+16.7	613,046	500,527	+22.5						
Extrusion	182,372	166,353	+9.6	733,805	618,813	+18.6						
Expandable Polystyrene Beads	42,205	42,521	-0.7	176,477	146,141	+19.4						
All Other Uses	21,238	31,991	-33.6	99,034	121,740	-18.7						
Polystyrene End Uses, Total**	406,189	378,340	+7.4	1,620,362	1,387,221	+16.8						
Packaging	109,985	82,872	+32.7	429,505	327,230	+31.3						
Disposables	62,264	49,986	+24.6	257,200	177,882	+44.6						
Consumer and Institutional Products	67,410	50,465	+33.6	260,739	175,985	+48.2						
Electrical/Electronics	40,527	31,566	+28.4	161,905	122,156	+32.5						
Furniture, Furnishings, Building & Construction	23,726	20,496	+15.8	92,248	65,516	+40.8						
Expandable Polystyrene Beads	42,205	42,521	-0.7	176,477	146,141	+19.4						
Resellers and Compounders	37,427	44,798	+16.5	146,110	169,821	-16.0						
All Other End Uses	22,645	55,640	-59.3	98,178	202,494	-51.5						

** = Portions of the End Use Section are estimated.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

APRIL, 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL	86,049	71,122	+21.0	322,785	278,008	+16.1	77,208	69,001	+11.9	294,433	262,311	+12.2
Paper Treating	2,848	4,148	-31.3	19,866	16,819	+18.1						
Textile Treating	867	1,643	-47.2	3,752	6,712	-44.1						
Carpet Backing	36,666	26,784	+36.9	124,931	96,905	+28.9						
All Other Uses (Including Exports & Paper Coating)	45,668	38,547	+18.5	174,236	157,572	+10.6						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	26,550	24,833	+6.9	89,978	93,234	-3.5	22,984	16,875	+36.2	83,071	82,599	+0.6
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	43,471	37,965	+14.5	166,481	151,465	+9.9	43,520	44,748	-2.7	170,589	160,257	+6.4
Total Exports	5,046	3,066	+64.6	17,463	11,571	+50.9						
Total Domestic	38,425	34,899	+10.1	149,018	139,894	+6.5						
Injection Molding Grade	23,632	23,909	-1.2	93,591	94,500	-1.0						
Extrusion Grade	10,044	9,511	+5.6	41,583	36,937	+12.6						
Resellers and Compounders	3,341	930	+259.2	9,177	5,943	+54.4						
All Other Uses	1,408	549	+156.5	4,667	2,514	+85.6						

••• = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Styrene Based Latexes sales includes some Canadian-produced material.

D = Disclosure

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

APRIL 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	661,174	567,900	+16.4	2,567,359	2,376,410	+ 8.0	652,861	605,066	+ 7.9	2,530,589	2,366,304	+ 6.9
Homopolymer Resins Including Blending & Latex	606,470	515,402	+17.7	2,364,489	2,172,355	+ 8.8	600,464	554,461	+ 8.3	2,331,397	2,168,056	+ 7.5
Copolymer Resins Including Blending & Latex	15,281	18,068	-15.4	56,303	70,890	-20.6	15,083	16,669	- 9.5	64,073	66,611	- 8.3
Dispersion Resins	39,423	34,430	+14.5	146,567	133,165	+10.1	37,314	33,936	+10.0	138,119	131,637	+ 4.9
Total Exports	33,726	27,886	+20.9	134,982	108,843	+24.0						
Total Domestic	627,448	540,014	+16.2	2,432,377	2,267,567	+ 7.3						
Calendering, Total	61,688	56,020	+10.1	228,321	242,966	- 6.0						
Flooring	12,156	15,301	-20.6	45,616	57,250	-20.3						
Textile	10,356	4,752	+117.9	33,984	24,449	+39.0						
All Other Calendering Uses	39,176	35,967	+ 8.9	148,721	161,267	- 7.8						
Coating, Total	31,580	27,107	+16.5	118,379	103,597	+14.3						
Flooring	14,601	11,506	+26.9	51,706	43,337	+19.3						
Textile & Paper Coating	8,574	8,332	+ 2.9	35,351	31,818	+11.1						
Protective Coatings	4,481	4,303	+ 4.1	16,649	16,148	+ 3.1						
Adhesives & All Other Coating Uses	3,924	2,966	+32.3	14,673	12,294	+19.4						
Extrusion, Total	439,957	368,541	+19.4	1,710,499	1,555,618	+10.0						
Wire & Cable	37,286	35,482	+ 5.1	146,960	149,398	- 1.6						
Film & Sheet, Packaging	20,377	21,270	- 4.2	85,639	84,541	+ 1.3						
Film & Sheet, Non-Packaging	4,234	N/A		15,593	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	51,720	43,177	+19.8	195,470	170,300	+14.8						
Rigid Pipe & Tubing (Except Fittings)	282,530	222,072	+27.2	1,091,949	959,368	+13.8						
All Other Extrusions	43,810	46,540	- 5.9	174,888	192,011	- 8.9						
Molding, Total	41,416	42,080	- 1.6	161,174	170,023	- 5.2						
Bottles	13,967	17,111	-18.4	58,679	64,509	- 9.0						
Fittings (Rigid Pipe & Tubing)	10,965	9,867	+11.1	43,424	50,775	-14.5						
All Other Molding	16,484	15,102	+ 9.2	59,071	54,739	+ 7.9						
Paste Processes (Except Coating)	14,503	13,477	+ 7.6	53,504	55,322	- 3.3						
Plastisol Formulation	7,368	7,140	+ 3.2	28,337	27,931	+ 1.5						
All Other	7,135	6,337	+12.6	25,167	27,391	- 8.1						
Resellers & Compounders	25,538	20,315	+25.7	113,476	86,746	+30.8						
All Other Uses	12,766	12,474	+ 2.3	47,024	53,295	-11.8						

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

APRIL, 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,721	62,127	-2.3	236,867R	235,150	+0.7	60,721	62,127	-2.3	236,867	235,150	+0.7
Total Exports	852	607	+40.4	2,376	2,127	+11.7						
Total Domestic	59,869	61,520	-2.7	234,491R	233,023	+0.6						
Emulsion Paints	20,324	21,566	-5.8	81,080	80,320	+0.9						
Adhesives, Caulks and Sealants	22,335	22,236	+0.4	85,793R	85,836	-0.0						
Paper Treating & Paper Coating	9,058	9,700	-6.6	37,260	36,820	+1.2						
Textile Treating	2,665	3,090	+13.8	10,241	11,585	-11.6						
Non-Woven Binders	D	D		D	D							
All Other Uses	5,487	4,928	+11.3	20,117	18,462	+9.0						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)							
Total Domestic	D(4)	D(4)		D(4)	D(4)							
OTHER VINYL RESINS*, TOTAL	17,910	19,490	-8.1	67,206	64,410	+4.3	19,142	21,125	-9.4	72,647	70,000	+3.8
Total Exports	5,928	5,108	+16.1	21,289	17,399	+22.4						
Total Domestic	11,982	14,382	-16.7	45,917	47,011	-2.3						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	103,079	98,353	+4.8	411,206	353,810	+16.2	111,290	94,126	+18.2	430,042R	361,302	+19.0
Total Exports	13,500	13,694	-1.4	51,976	46,726	+11.2						
Total Domestic	89,579	84,659	+5.8	359,230	307,084	+17.0						
PET Bottle Grades	65,467	59,505	+10.0	259,863R	216,461	+20.1						
All Other Thermoplastic Polyester**	24,112	25,154	-4.1	99,367R	90,623	+9.6						

** = Includes All Other PET and All Injection Molding Grades
# = Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

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R = Revision
D = Disclosure

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

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MONTHLY STATISTICAL REPORT

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBBLI	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING CO.		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL CO.							PDE							PDE					PD
ALLIED BENDIX					PD														
ALPHA CHEMICAL CORPORATION		PDE																	
AMERICAN CYANAMID COMPANY			PDE	PDE															
AMERICAN HOECHST CORP. - PLASTICS DIVISION							PDE												
AMERICAN HOECHST CORP. SOU-TEX DIVISION				PD	PD														
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE								
ANDERSON DEVELOPMENT CO.													PD						
ARCO CHEMICAL											PDE		PDE						
ARISTECH CHEMICAL CO.		PDE						PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD														
ASOMA POLYMERS, INC.											PD								
ATOCHEM, INC.														PDE					
AZS CORPORATION		PD																	
BASF CORPORATION											PDE			PDE					

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COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BELDING CHEMICAL INDUSTRIES														PD					
BORDEN-CHEMICAL COMPANY			PD	PD	PDE										PDE	D			
BORG WARNER CHEMICALS, INC.									PDE	PD									
CELANESE CHEMICAL COMPANY																D			
CELANESE ENGINEERING RESINS														PDE					PDE
CERTAIN-TEED PRODUCTS CORP.															PD				
CHEMBOND CORPORATION			PD	PD	PDE														
CHEVRON CHEMICAL OLEFINS						PDE	PDE				PDE								
CIBA-GEIGY CORP.	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.														PD					
DAN RIVER, INC.			PD																
DART POLYMERS											PD								
DIVERSITECH GENERAL												PDE							
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
E.I. DUPONT DE NEMOURS AND COMPANY						PDE	PDE						PDE	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EL PASO PRODUCTS CO.						PDE		PDE											

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LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBRII	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EMSER INDUSTRIES														PD					
EXXON CHEMICAL AMERICAS						PDE	PDE	PDE											
FINA OIL & CHEMICAL								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						
FORMICA CORPORATION				PDE	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
H. B. FULLER																D			
GENERAL ELECTRIC COMPANY										PD									PDE
GEORGIA-GULF															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS AND RESINS DIV OF SCM		PD																	
B. F. GOODRICH CHEMICAL CO.										PDE					PDE				
GOODYEAR CHEMICAL DIVISION												PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W. R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD															
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.							PDE	PDE											
HOECHST FIBERS INDUSTRIES																			PDE

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LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	DSBBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
HUNTSMAN CHEMICAL CORP.											PDE								
ICI AMERICAS		PDE																	PDE
INMONT CORPORATION		PDE			PD														
INTERPLASTICS CORPORATION		PD																	
INTEREZ, INC.	PDE		PD	PD															
IRONSIDES CO.					PD														
KEYSOR-CENTURY CORPORATION															PD				
KOPPERS COMPANY		PD			PDE														
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PDE	PDE					PDE	PDE			PDE	PDE		DE		PDE	
MORTON INDUSTRIES												PD						PDE	
NATIONAL STARCH & CHEMICALS CORP.																D			
NYLON CORP. OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORP.					PDE										PDE				
OWENS-CORNING FIBERGLASS		PDE			PD														
PERKINS INDUSTRIES, INC.			PD		PD														
PERSTORP COMPOUNDS INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY							PDE	PD					PDE						

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBALL	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYREZ COMPANY, INC.					PDE														
POLYSAR, INC.											PDE								
POLYSAR LATEX												PD							
RAYMARK INDUSTRIES					PD														
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD				DE			
ROGERS CORPORATION					PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SHAKESPEARE COMPANY														PD					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHINTECH, INC.															PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																	
SOLTEX						PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PDE	PDE	PDE	PDE														
TEXSTYRENE PLASTICS											PD								
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE									DE			
UNION CHEMICAL												PD				D		PD	

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

CRS

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
U.S.I. CHEMICALS CO.						PDE	PDE	PDE								D			
VALCHEM DIV. OF UNITED MERCHANTS INC.			PD																
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VISTA CHEMICAL CO.															PDE				
WELLMAN, INC.														PDE					
TOTALS	6	17	14	12	23	10	13	11	4	5	13	8	9	12	11	12	2	7	8